



# WEATHER AND CROPS

## July 06, 2010

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Released, July 06, 2010

Week Ending, July 04, 2010

No. 977-11-10

**WEATHER:** Temperatures averaged below normal by as much as 5 degrees in several locations. The high for the week was 96 degrees while the low dipped to 42 degrees. Growing Degree accumulations since April 1<sup>st</sup> were above normal across the state. Precipitation totals ranged from none on Long Island to 1.87 inches at Boonville.

**CROPS:** There were 6.0 days suitable for fieldwork. Soil moisture was rated 2 percent very short, 13 percent short, 76 percent adequate, and 9 percent surplus. Condition of winter wheat was rated as 1 percent poor, 7 percent fair, 62 percent good, and 30 percent excellent. Oat condition was 14 percent fair, 62 percent good, and 24 percent excellent. Hay condition was 3 percent poor, 12 percent fair, 59 percent good, and 26 percent excellent. Ninety-eight percent of the soybeans were planted, behind both the previous year's 99 percent, and the five year average of 99 percent. Alfalfa first cutting was 98 percent completed, ahead of both last year's 88 percent, and the five year average of 89 percent. Ninety-three percent of the clover timothy was harvested, ahead of both last year's 72 percent, and the five year average of 77 percent. Ninety-seven percent of the grass silage was harvested ahead of both last year's 89 percent, and the five year average of 88 percent. Dry beans were 86 percent planted, ahead of last year's 83 percent and the same as the five year average. The following are comments from throughout the state: Jefferson County farmers struggled through one of the wettest months of June on record. A short stretch of sunny weather had most hay crop farmers mowing and harvesting forages. Despite the overabundance of rain, the Jefferson County corn crop looked very good at this point. The corn crop had no problem meeting the "knee high by the 4th of July" criteria with a lot of it chest higher or better. Wheat crop looked very good and should yield well. Hay crop has been heavy, but until the end of the week, drying conditions had not been ideal. Heavy rain fall in Lewis County, early last week, caused some flooding in low lying crop fields. Hopefully it will subside before doing significant damage to the corn in these areas. The first stretch of forecasted dry weather over the holiday weekend had most farms harvesting second cut hay as silage and dry hay. Very good growing conditions in St. Lawrence County, though frequent showers were raising havoc with hay harvest. Corn grew at least a couple of inches or more over the weekend. Dry hay harvest took a big jump in Genesee County and was progressing rapidly. Second cutting haylage and dry hay harvests were proceeding very rapidly. Winter wheat harvest started over the weekend and was proceeding rapidly. Winter wheat harvest was also underway in Livingston County. Most farmers with hay crop were winding down their second cutting harvest in Madison County. Recently, a number of reports have come in of corn being decimated by crows. BMR Sudan mix could be an alternative second planting. Otsego County harvested lots of second cut hay and some first cutting as well. It was a great second window of opportunity to put up hay after a raining June. Corn was also growing fast. The longest dry period in some time in Albany County had dry hay production well ahead of the past couple of years. Hay quality was very good with a lot of June cut hay in the barns. Corn still looked good, but could use some rain. Montgomery and Fulton County corn was being reported shoulder high on the 4<sup>th</sup> of July. This was also the first good weather for making dry hay since May. Dry hay harvest was in full swing in Saratoga County with excellent conditions to dry and bale hay. Field corn could use some moisture as the lack of rain caused high and dry areas of the crop to curl. Corn was also curling on the shale fields of Washington County, but a lot of the corn was waist to chest high on the 4<sup>th</sup> of July. Extended dry weather in Cattaraugus County allowed for an excellent opportunity for dry hay production with many farms taking advantage of the situation. Second cutting grass silage was almost complete and second cutting alfalfa was well underway. A higher than normal percentage of second cutting was harvested in Broome County due to clear skies. Second cutting was started in Columbia County with approximately 30 percent completed. Hot, dry weather was perfect for making hay in Delaware County; however, it's been very dry for other crops. Rain is needed in Dutchess County as some corn is beginning to curl, and brown on the bottom. Suffolk County had some spotty infestations of potato leafhoppers.

**FRUIT:** Apples were 1 percent poor, 13 percent fair, 73 percent good, and 13 percent excellent. Grapes were 2 percent poor, 5 percent fair, 53 percent good, and 40 percent excellent. Peaches were 1 percent poor, 11 percent fair, 77 percent good, and 11 percent excellent. Pears were 3 percent poor, 12 percent fair, and 85 percent good. Sweet cherries were 11 percent fair, 84 percent good, and 5 percent excellent. Tart cherries were 20 percent fair, 57 percent good, and 23 percent excellent. In the Lake Ontario fruit region, fire blight showed up in many orchards. The second flight of oriental fruit moth began, and cherry fruit flies and black cherry fruit flies were also active. The Madison County strawberry season was complete. Strawberry season also came to a close in Albany County, but raspberries were coming out. Broome County strawberry operations ended, and pick-your-own blueberry operations began. A larger than normal crop of blueberries was expected. On Long Island, fruit was stressed due to the heat. An extended period of warm, dry weather has Long Island grape growers irrigating regularly. Disease pressure was moderate, with spotty infestations of potato leafhopper and Japanese beetles. Vines were 10-14 days ahead of normal.

**VEGETABLE:** Local farm stands were full of produce. Vegetables across the state have been stressed due to heat. Lettuce was 90 percent planted with reported conditions of 6 percent poor, 7 percent fair, 9 percent good, and 78 percent excellent. Onions were 100 percent planted with reported conditions of 1 percent fair, 41 percent good, and 58 percent excellent. Sweet corn was 97 percent planted, up from 94 percent five year average, with conditions of 14 percent fair, 63 percent good, and 23 percent excellent. Cabbage was 95 percent planted compared to 92 percent five year average. Snap beans were 85 percent planted and tomatoes were 99 percent planted.

**LIVESTOCK:** Pastures could use some moisture. It was very dry for pastures. Pasture conditions were rated 1 percent very poor, 2 percent poor, 27 percent fair, 53 percent good, and 17 percent excellent.

**Weather Data for Week Ending Sunday, July 04, 2010**

Station	Temperature (°F)				Growing Degree Days Base 50° <sup>1/</sup>			Precipitation (Inches) <sup>1/</sup>			
	High	Low	Avg	Dep. from Norm	Week	Season	Dep. from Norm	Week	Dep. from Norm	Season	Dep. from Norm
<b><u>Hudson Valley</u></b>											
Albany	87	48	68	-3	129	1132	+262	0.48	-0.30	7.83	-2.63
Glens Falls	86	47	66	-3	114	931	+193	0.90	+0.22	7.27	-2.87
Poughkeepsie	91	47	70	-1	145	1224	+302	0.03	-0.87	5.41	-6.73
<b><u>Mohawk Valley</u></b>											
Boonville	79	43	61	-4	78	722	+167	1.87	+0.90	13.08	-1.10
<b><u>Champlain Valley</u></b>											
Plattsburgh	91	52	67	-2	123	872	+115	0.54	-0.15	8.10	-1.04
<b><u>St. Lawrence Valley</u></b>											
Canton	81	48	64	-3	102	897	+243	1.46	+0.69	10.90	+1.35
Massena	86	49	66	-2	114	933	+231	1.64	+0.92	8.90	+0.17
<b><u>Great Lakes</u></b>											
Buffalo	81	50	66	-5	111	1077	+259	0.80	+0.06	13.04	+3.07
Wales	81	43	62	-5	87	862	+220	0.89	-0.01	11.51	-0.51
Niagara Falls	83	48	67	-4	119	1117	+284	1.35	+0.66	10.14	+0.26
Rochester	86	48	66	-3	114	1117	+308	0.82	+0.16	9.99	+1.30
Watertown	79	46	65	-3	105	921	+274	0.96	+0.47	9.05	-0.89
<b><u>Central Lakes</u></b>											
Dansville	86	45	64	-5	100	1106	+302	0.53	-0.28	9.80	-0.18
Geneva	86	51	67	-3	117	1075	+293	0.73	-0.05	11.02	+1.00
Honeoye	86	45	65	-5	109	1060	+249	1.60	+0.85	11.84	+1.94
Ithaca	87	42	65	-3	105	982	+278	0.79	-0.05	8.31	-2.16
Penn Yan	86	47	66	-3	117	1130	+348	1.02	+0.24	8.92	-1.10
Syracuse	85	51	67	-2	124	1155	+337	0.78	-0.13	10.29	-0.63
Warsaw	82	44	63	-3	90	855	+263	0.48	-0.41	14.24	+2.61
<b><u>Western Plateau</u></b>											
Angelica	85	43	63	-2	96	943	+365	0.80	-0.21	11.33	+0.38
Elmira	88	42	65	-4	104	1052	+300	0.68	-0.16	9.50	-0.63
Franklinville	84	40	61	-4	78	800	+281	1.17	+0.25	11.27	-0.31
Jamestown	85	42	62	-4	87	922	+322	0.82	-0.18	11.30	-1.57
<b><u>Eastern Plateau</u></b>											
Binghamton	84	46	66	-3	111	1070	+344	0.52	-0.32	9.91	-0.66
Cobleskill	86	49	66	-1	111	909	+239	0.12	-0.78	8.88	-2.74
Morrisville	85	46	64	-3	97	904	+275	1.44	+0.55	13.51	+2.14
Norwich	87	43	63	-4	93	876	+208	0.85	-0.03	11.34	-0.34
Oneonta	86	46	65	-1	104	929	+317	0.60	-0.34	10.59	-1.92
<b><u>Coastal</u></b>											
Bridgehamton	88	54	72	+4	159	1140	+367	0.00	-0.74	6.19	-5.60
New York	96	64	79	+6	207	1673	+487	0.02	-0.86	7.12	-4.58

<sup>1/</sup> Season accumulations are for April 1<sup>st</sup> to date. Weekly accumulations are through 7:00 AM Sunday Morning

The information contained in this weekly release is obtained in cooperation with Cornell Cooperative Extension, USDA Farm Service Agency, the National Weather Service, Agricultural Weather Information Service and other knowledgeable persons associated with New York agriculture. Their cooperation is greatly appreciated.

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